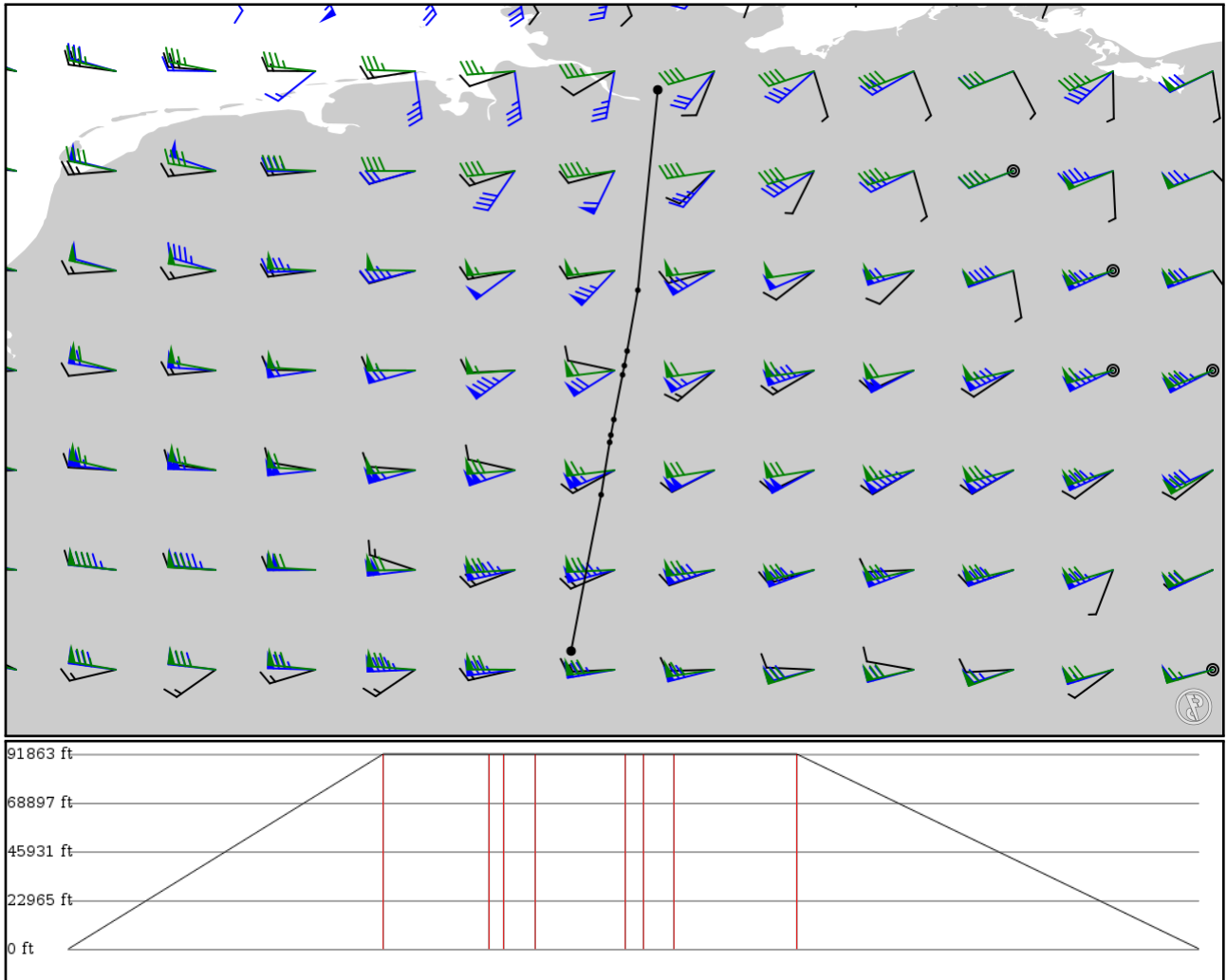


2024/05/02 1054Z

EDDS LOHRE **UN851** KEMAD **UP605** NORTA EDDH

298.44 nm / 552.72 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 180kts
- Cruise Altitude: 28000ft
- Cruise Speed: 210kts
- Descent Rate: 1500ft/min
- Descent Speed: 180kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|-------------------------------|
| EDDS | - | 48.68980 | 0 ft | - | Stuttgart |
| APT | - | 9.22197 | 0 m | | |
| LOHRE | - | 50.06690 | 28,000 ft | 83 | - |
| FIX | - | 9.48639 | 8,534 m | | |
| ARNIX | UN851 | 50.52890 | 28,000 ft | 27 | - |
| FIX | AWY-HI | 9.56167 | 8,534 m | | |
| FUL | UN851 | 50.59250 | 28,000 ft | 3 | FULDA |
| VOR | AWY-HI | 9.57217 | 8,534 m | | |
| MASEK | UN851 | 50.72920 | 28,000 ft | 8 | - |
| FIX | AWY-HI | 9.59833 | 8,534 m | | |
| KEMAD | UN851 | 51.12360 | 28,000 ft | 23 | - |
| FIX | AWY-HI | 9.67500 | 8,534 m | | |
| ELNAT | UP605 | 51.20430 | 28,000 ft | 4 | - |
| FIX | AWY-HI | 9.69099 | 8,534 m | | |
| PEXAM | UP605 | 51.33280 | 28,000 ft | 7 | - |
| FIX | AWY-HI | 9.71556 | 8,534 m | | |
| NORTA | UP605 | 51.86850 | 28,000 ft | 32 | - |
| FIX | AWY-HI | 9.80975 | 8,534 m | | |
| EDDH | - | 53.63370 | 0 ft | 106 | Hamburg International Airport |
| APT | - | 9.98526 | 0 m | | |

EDDS

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 1

Elevation: 1,271 ft / 387 m
Location: 48.689800 9.221970
Magnetic Var: 3.320 E

METAR

EDDS 021020Z AUTO 02007KT 310V100 9999 FEW028 20/12 Q0998 NOSIG

TAF

TAF TAF EDD5 020500Z 0206/0306 VRB03KT CAVOK BECMG 0209/0211 01005KT TEMPO 0212/0220 SHRA BKN030CB BECMG 0213/021

Frequencies

| | |
|---------------------------------------|-------------------------------------|
| REC - 126.13 MHz - STUTTGART ATIS | COM - 122.80 MHz - STUTTGART UNICOM |
| CLD - 121.90 MHz - STUTTGART DELIVERY | GND - 118.60 MHz - STUTTGART GROUND |
| TWR - 118.80 MHz - STUTTGART TOWER | TWR - 119.05 MHz - STUTTGART TOWER |
| APP - 119.85 MHz - STUTTGART DIRECTOR | APP - 119.20 MHz - LANGEN RADAR |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 07 | 148 ft | 10,985 ft | 74.04 | CONCRETE | 997 ft | 138 ft |
| | 45 m | 3,348 m | 70.72 | | 304 m | 42 m |
| 25 | 148 ft | 10,985 ft | 254.07 | CONCRETE | 0 ft | 144 ft |
| | 45 m | 3,348 m | 250.75 | | 0 m | 44 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 07 | DME | ISTE | 115.45 MHz | 18 nm | - | - | 1,332 ft |
| | | | | 33 km | - | | 1,332 m |
| 25 | DME | ISTW | 115.45 MHz | 18 nm | - | - | 1,332 ft |
| | | | | 33 km | - | | 1,332 m |
| 07 | LOC-ILS | ISTE | 109.50 MHz | 18 nm | 74.05 | - | 1,271 ft |
| | | | | 33 km | 70.73 | | 1,271 m |
| 25 | LOC-ILS | ISTW | 109.90 MHz | 18 nm | 254.05 | - | 1,271 ft |
| | | | | 33 km | 250.73 | | 1,271 m |
| 07 | GS | ISTE | 109.50 MHz | 10 nm | 74.05 | 3.00 | 1,271 ft |
| | | | | 19 km | 70.73 | | 1,271 m |
| 25 | GS | ISTW | 109.90 MHz | 10 nm | 254.05 | 3.00 | 1,271 ft |
| | | | | 19 km | 250.73 | | 1,271 m |

EDDH

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 2

Elevation: 53 ft / 16 m
Location: 53.633700 9.985260
Magnetic Var: 3.688 E

METAR

EDDH 021020Z AUTO 10016KT CAVOK 23/12 Q1003 TEMPO 10015G25KT

TAF

TAF EDDH 020500Z 0206/0312 07009KT CAVOK BECMG 0207/0209 07014KT TEMPO 0209/0217 09015G25KT BECMG 0217/0219 07009KT

Frequencies

| | |
|-------------------------------------|----------------------------------|
| REC - 123.12 MHz - EDDH ATIS | GND - 121.80 MHz - HAMBURG GND |
| GND - 121.70 MHz - HAMBURG APRON | GND - 121.97 MHz - HAMBURG APRON |
| TWR - 121.27 MHz - HAMBURG TWR | TWR - 126.85 MHz - HAMBURG TWR |
| APP - 118.20 MHz - HAMBURG DIRECTOR | APP - 124.62 MHz - HAMBURG APP |
| APP - 134.25 MHz - BREMEN RADAR | APP - 136.67 MHz - BREMEN RADAR |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 05 | 151 ft | 10,647 ft | 50.18 | ASPHALT | 978 ft | 194 ft |
| | 46 m | 3,245 m | 46.50 | | 298 m | 59 m |
| 23 | 151 ft | 10,647 ft | 230.22 | ASPHALT | 509 ft | 239 ft |
| | 46 m | 3,245 m | 226.53 | | 155 m | 73 m |
| 15 | 151 ft | 12,013 ft | 152.89 | ASPHALT | 0 ft | 194 ft |
| | 46 m | 3,662 m | 149.20 | | 0 m | 59 m |
| 33 | 151 ft | 12,013 ft | 332.91 | ASPHALT | 1,463 ft | 164 ft |
| | 46 m | 3,662 m | 329.22 | | 446 m | 50 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 05 | LOC-ILS | IHHE | 110.50 MHz | 18 nm | 50.21 | - | 53 ft |
| | | | | 33 km | 46.52 | | 53 m |
| 15 | LOC-ILS | IHHS | 109.55 MHz | 18 nm | 152.91 | - | 53 ft |
| | | | | 33 km | 149.22 | | 53 m |
| 23 | LOC-ILS | IHHW | 111.50 MHz | 18 nm | 230.21 | - | 53 ft |
| | | | | 33 km | 226.52 | | 53 m |
| 33 | LOC-LOC | IHHN | 109.90 MHz | 18 nm | 332.91 | - | 53 ft |
| | | | | 33 km | 329.22 | | 53 m |
| 05 | GS | IHHE | 110.50 MHz | 10 nm | 50.21 | 3.00 | 53 ft |
| | | | | 19 km | 46.52 | | 53 m |
| 15 | GS | IHHS | 109.55 MHz | 10 nm | 152.91 | 3.00 | 53 ft |
| | | | | 19 km | 149.22 | | 53 m |
| 23 | GS | IHHW | 111.50 MHz | 10 nm | 230.21 | 3.00 | 53 ft |
| | | | | 19 km | 226.52 | | 53 m |
| 33 | GS | IHHN | 109.90 MHz | 10 nm | 332.91 | 3.00 | 53 ft |
| | | | | 19 km | 329.22 | | 53 m |